No.



200400029

THE CONTRESO STATES OF ANTERIOA

TO ALL TO WHOM THESE PRESENTS SHALL COME;

Stalöf Weibull AB

MICERAS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE GHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR PRING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY SOLD BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321

PEA, FIELD

'SW Prodigy'

In Testimonn Murrers, I have hereunto set my hand and caused the seal of the Mann Harita Protection Office to be affixed at the City of Washington, D.C. this sixteenth day of March, in the year two thousand and live.

Bemzer

ET SEO.

Commissioner Plant Variety Protection Office Aaricultural Marketing Service zary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

п чин пручетеч - Оппр №0, 0001-0005

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

Application is required in order to determine if a plant variety protection certificate is to be issued
(7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

	1. NAME OF OWNER			2. TEMPORARY DESIGNATION EXPERIMENTAL NAME	ON OR 3. VARIETY NAME
SVALÖF WEIBULL AB			•	SW A6145	SW Prodiay
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)				5. TELEPHONE (include area	code) SEPOR OFFICIAL USE ONLY
3F268 81					GWANDURE A A A A
SVALOV, SWEDE	W	-		46-418-667000	ZUUTUUUZ
			•	6. FAX (include area code)	FILING DATE
		. .		46-418-667100	
7. IF THE OWNER NAMED IS NOT A "PE ORGANIZATION (corporation, partners		8. IF INCORPORA STATE OF INCO		9. DATE OF INCORPORATIO	N 11/18/2003
CORPORATION		1 25EDE		1993	320
O. NAME AND ADDRESS OF OWNER R		THIS APPLICATION. (Fir	st person listed will re	eceive all papers)	FILING AND EXAMINATION FEES:
5w seed	LTD. WNEY RD.		•		1 3652.∞
Saskato	· · ·			*	B
	57N 4L8				DATE 11/18/2003
Cakouon					CERTIFICATION FEE:
					\$ 432.00
					DATE /- 14-2005
4. TELEPHONE destructions and a			<u> </u>		(3),7094
TELEPHONE (Include area code)	12. FAX (Include area code)	13. E-M.		cont se	14. CROP KIND (Common Name)
306-477-5230	306-477-5239	hava	rd.loveesw.	See Se	Pisum sativam (Field pai)
8. CHECK APPROPRIATE BOX FOR EA	CH ATTACHMENT SUBMITTED (Fol	llow instructions on			F THIS VARIETY BE SOLD AS A CLASS OF
a. 🛛 Exhibit A. Orlgin and Breedi	ing History of the Variaby		CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act)		
444			YES (If "yes", answer items 20 NO (If "no," go to item 22) and 21 below)		
57			20. DOES THE OWNER SPECIFY THAT SEED OF THIS YES NO VARIETY BE LIMITED AS TO NUMBER OF CLASSES?		
c. LSJ Exhibit C. Objective Description of Variety d. D Exhibit D. Additional Description of the Variety (Optional)				CH CLASSES? FOUNDAT	
	Basis of the Owner's Ownership	•			
f. Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be depositied and maintained in an approved public			21. DOES THE OWNER SPECIFY THAT THE CLASSES BE LIMITED AS TO NUMBER OF GENERATIONS? YES NO		
repository)	(\$2.705) mada periobla la Transciona		IF YES, SPEC	CIFY THE 3	्रा 🗔
g. Kiling and Examination Fee (\$2,705), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)			NUMBER 1, 2, 3, etc. FOUNDATION REGISTERED CERTIFIED		
			(If additional e	explanation is necessary, please	use the space indicated on the reverse.)
2. HAS THE VARIETY (INCLUDING ANY FROM THIS VARIETY BEEN SOLD, D			23. IS THE VARIE	ETY OR ANY COMPONENT OF RIGHT (PLANT BREEDER'S RIG	THE VARIETY PROTECTED BY INTELLECTUAL
OTHER COUNTRIES?	(C)	0000 HT THE 0. 0. OK	□ YE		⊠ _{NO}
LI YES	l⊠ NO	-	IF YES, GIVE	COUNTRY, DATE OF FILING O	R ISSUANCE AND ASSIGNED
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)			REFERENCE	NUMBER. (Please use space in	dicated on reverse.)
4. The owners declare that a viable samp	le of basic seed of the variety will be f	umished with application	and will be replenish	ed upon request in accordance w	rith such regulations as may be applicable, or
tor a tuber propagated variety a tissue	criture Ail pe debozited tu a briblic te	epository and maintained	for the duration of the	e certificate.	iform, and stable as required in Section 42,
and is entitled to protection under the p Owner(s) is(are) informed that false rep	rovisions of Section 42 of the Plant V	ariety Protection Act.			•
	or esertiation necess can jeopardize pro	stection and result at pen	aides.		
Howard L. Love			SIGNATURE OF	OWNER	
AME (Please print or type)			NAME (Please pri	int or type)	
DR. HOWARD K. LOVE					
				And the second of the second o	
APACITY OR TITLE	DATE	《天理》的代数 第	CAPACITY OR T	TILE CONTRACTOR OF STATE	DATE:

iNERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be considered in the Plant Variety Protection Office (PVPO), ALL of the following items must be considered in the plant of the produced variety at least 2,500 value untreated seeds, for a hybrid fety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense it it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository. (4) check drawn on a U.S. bank for \$2,705 in 100 in

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvp.htm

:M 1. Give:

- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - (1) identify these varieties and state all differences objectively;
 - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use
 comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease
 resistance, etc.
- . Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).

See Section 83 of the Act for the Contents and Term of Plant Variety Protection.

See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.

See Section 5.5 of the Act for instructions on claiming the benefit of an earlier filing date.

CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)

CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety luding any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the ety is protected by intellectual property right. (Plant Breeder's Right or Patent).)

TES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's esentative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or ignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 175(h) of the Regulations and Rules of Practice.)

avoid conflict with other variety names in use, the applicant must check the variety names proposed by contacting: Seed Branch, AMS, USDA, Room 213, ding 306, Beltsville Agricultural Research Center-East, Beltsville, MD 20705. Telephone: (301) 504-8089.

rding to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control er for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data es, gathering and maintaining the data needed, and completing and reviewing the collection of information.

1.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family
. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact the USDA's TARGET Cente
1-720-2600 (voice and TDD). To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whiten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call (202)

470 (2-99) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces STD-470 (6-98) which is obsolete.

'SW Proding' Variety: SW A6145 (name pending) Field Pea

1-11-2005

Exhibit A: Origin and Breeding History of the Variety

SW A6145 was developed by Svalof Weibull AB, Svalov, Sweden. This semi leafless variety originates from a cross Sv 88963 x Explorer done in 1997. The parents in this cross: Sv 88963 was a mildew resistant selection from the Svalöf prebreeding program and Explorer was a variety on the Swedish national list. The breeding method was a pedigree method and the variety originates from a single plant selection in F4. Selection was made for yield, earliness, strawstiffness, good green colour and powdery mildew resistance. Breeders seed was derived from a single plant in F6.

Sv 88963 is a cross between Rigel x Fjord

Statement of Uniformity and Stability

SW A6145 is uniform and stable. No offtypes. Stability has been observed in more than two seasons.

No variants were observed.

Methods of maintaining the variety.

SW A6145 is maintained from breeder seed. Breeder seed will be maintained by Svalöf Weibull AB, Sweden and SW Seed Ltd. Saskatoon, SK, Canada.

Variety: SW A6145 (name pending) Field Pea

Exhibit B: Statement of Distinctness

SW A6145 is a distinct variety, possible to distinguish from Majoret and SW Salute – the two most similar varieties known to us. SW A 6145 differs from Majoret by having a blunt pod instead of a pointed pod like Majoret and by being resistant to powdery mildew whereas Majoret is suseptible. SW A 6145 differs from SW Salute by having green cotyledons where SW Salute has yellow cotyledons.

UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE Science Division NATIONAL AGRICULTURAL LIBRARY BELTSVILLE, MARYLAND 20705 OBJECTIVE DESCRIPTION OF VARIETY PEA (PISUM SATIVUM)

EXHIBIT C (Pca)

NAME OF APPLICANT(S)	PEA (PISUM SATIVUI	
SVALÖF WEIBULL AB	•	DESIGNATION
ADDRESS (Street and No. or R.F.D. No., City,	State, and ZIP Code)	SWALIYS SW Prodigo
SE 268 81		FOR OFFICIAL USE ONLY MAN
SUALOU, SWEDEN		PVPO NU 28 0 0 0 0 2 9
Place the appropriate number that describe	es the varietal character in the h	oves below
Place a zero in first box (**8* 0 8 9 or	<u></u>	
, TYPE:		
a 1-GARDEN 2-FIELD 3	= EDIBLE-PODDED	
MATURITY:		
Node number of first bloom:	No. of days to	processing Heat Units
No. of days liarlier than	1 ~ ALASKA WR	2 - THOMAS LAXTON WR 3 - LITTLE MARVEL
No. of days Later than	4 = WANDO 5 = AL	DERMAN WR 6 = AUSTRIAN WINTER
3. PLANT HEIGHT:		
65 cm. HIGH		
Cm. Shorter than	1 = ALASKA WR	2 = THOMAS LAXTON WR 3 = LITTLE MARVEL
Cm. Taller than	4 = WANDO 5 = AL	DERMAN WR 6 = AUSTRIAN WINTER
. VINE:		
A Habit: 1 = DETERMINATE 2 = 1	NDETERMINATE Sto	1 = SLIM (Alaska) 3 = HEAVY (Alderman) ckiness: 2 = MEDIUM (Thomas Laxton WR)
Branching: 1 = NONE (Alaska) 2	- 1-2 BRANCHES (Little Marvel)	3 - MORE THAN 2 BRANCHES (Dwarf Gray Sugar)
	ZIG ZAG	NUMBER OF NODES
. LEAFLETS: not present		
1 = LIGHT GREEN (Alaska) Color: 4 = OTHER (Specify)	WR) 2 = MED. GREEN (Thomas	s Laxton WR) 3 = DARK GREEN (Alderman)
Wax: 1 = NONE 2 = LIGHT 3 = N 4 = HEAVY	AEDIUM 1 =	NOT MARBLED (Alaska)
Number of leaflet pairs: 1 = NOT	PAIRED 2= ONE 3= TW	O 4 = THREE OR MORE
STIPULES:		
2 1 = LACKING 2 = PRESENT	1 -	NOT CLASPING 2 = CLASPING
a 1 = NOT MARBLED 2 = MARBL	ED Size	1 = SMALLER 2 = SAME 3 = LARGER
Color (Compared with leaflets): 1 = L	IGHTER 2 = SAME 3 =	DARKER
FLOWER COLOR:		
VENATION STANDARD	WING KEEL	1 = WHITE 2 = GREENISH 3 = LAVENDER 4 = PURPLE 5 = RED 6 = OTHER (Specify)

	20040002					
8. PODS:						
Shape: 1 = STRAIGHT 2 = SLIGHTLY CURVED 3 = CURVED 1 = LIGHT GREEN (Alaska WR) 2 = MEDIC Color: 4 = OTHER (Specify)	DEND: 1 - POINTED (Alderman) 2 - BLUNT (Alaska) JM GREEN 3 - DARK GREEN (Alderman)					
d Color: 4 = OTHER (Specify)						
Surface: 1 = SMOOTH 2 = ROUGH 1 = SINGLE 2 = DOURLE 3 = SIN	Surface: 1 = SHINY 2 = DULL					
Borne: 5 = DOUBLE 2 = DOUBLE 3 = SIN 5 = DOUBLE & TRIPLE 6 = TRIPLE	GLE AND DOUBLE 4 = SINGLE, DOUBLE, & TRIPEE 7 = OTHER (Specify)					
6 CM. LENGTH	1 0 MM. WIDTH (Between sutures) 7 NO. SEEDS PER POD					
9. SEEDS (95-100 Tenderometer):						
Color: 1 = LIGHT GREEN 2 = GREEN 3	= DARK GREEN 4 = OTHER (Specify)					
Soive: % 3	5 8 7 8 AVERAGE					
SEEDS (Dry, Mature):						
Shape: 1 = FLATTENED 2 = ANGULAR 3=	OVAL 4 - ROUNDED					
Surface: 1 = SMOOTH 2 = DIMPLED 3 = WRINKLED	Surfece: 1 = SHINY 2 = DULL					
Color Pattern: 1 = MONOCOLOR 2 = MOTTLES	3 = STRIPED 4 = DOTTED					
i i	A & GREEN 3 = LIGHT GREEN 4 = MEDIUM GREEN					
Secondary Color: 10 - GRAY 11 = BLACK	REEN 7 = YELLOW 8 = BROWN 9 = RED					
Hilum Floor Color: 1 - WHITE 2 = TAN 3 - BLACK	Cotyledon Color: 1 = GREEN 2 = YELLOW 3 = ORANGE					
12 27 1						
ZZ GRAMS PER 100 SEEDS						
10. DISEASE: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)						
[Susceptions; 2 = Resistant)						
O FUSARIUM WILT O ASCOCHYTA BLIGHT	O NEAR-WILT O DOWNY MILDEW					
O ASCOCHYTA BLIGHT	2 POWDERY MILDEW O BACTERIAL BLIGHT					
O MOSAIC	O PEA ENATION MOSAIC O YELLOW BEAN MOSAIC					
OTHER (Specify)						
11. INSECT: (O= Not Tested; 1 = Susceptible; 2 = Resistant)						
O APHIDS	OTHER (Specify)					
12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED						
CHARACTER NAME OF VARIETY	CHARACTER NAME OF VARIETY					
Leafiness Mayoret Leaf Coloc C Mayoret	Fresh Seed Color					
Paul Colonia	Mature Seed Color Majoret					
Pod Stiage Sw Salve	Seed Shape Majore T					
COMMENTS	Plant Habit SWSalute					

U.S. DEPARTMENT OF AGR AGRICULTURAL MARKETIN	ICULTURE STATE OF THE STATE OF	The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.					
EXHIBIT E STATEMENT OF THE BASIS		Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).					
1. NAME OF APPLICANT(S)		TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME				
SVALÖF WEIBULL AB		SWA6145	'SW Prodigy'				
4. ADDRESS (Street and No., or R.F.D. No., City	, State, and ZIP, and Country)	5. TELEPHONE (include area code)	6. FAX (include area code)				
SE268 BI		46-418-667000	46-418-667100				
SUPLOU, SWEDEN		7. PVPO NUMBER					
		200400029					
8. Does the applicant own all rights to the va	riety? Mark an "X" in approp	riate block. If no, please explain.	YES NO				
·							
		•					
9. Is the applicant (individual or company) a	U.S. national or U.S. based of	company?	YES IV NO				
If no, give name of country ろいくつく	√	l	YES NO				
10. Is the applicant the original owner?	YES	NO If no, please answer one of the f	ollowing:				
a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?							
	☐ YES ☐ [NO If no, give name of country	•				
b. If original rights to variety were owned	by a company(ies), is(are) the	original owner(s) a U.S. hased company	v?				
			·				
	YES I	NO If no, give name of country					
11. Additional explanation on ownership (if needed, use reverse for extra space):							
•							
•	·	•					
PLEASE NOTE:		· · · · · · · · · · · · · · · · · · ·					
	•		•				

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

- 1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
- 2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
- 3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to compete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

STD-470-E (07-97) (Destroy previous editions).

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